

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kenneth (NMI) Schofield, Mark L. Larson and Keith J. Vadas  
For : REARVIEW VISION SYSTEM FOR VEHICLE  
INCLUDING PANORAMIC VIEW

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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 CFR 1.51, 1.56, 1.97 and 1.98, Applicants submit herewith patents, publications or other information listed on attached Forms PTO-1449 for consideration by the Examiner in connection with examination of the present application.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

Under 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

The Examiner's attention is respectfully directed to the patents and publications listed on the attached Forms PTO-1449.

United States Patent 5,670,935, which issued on September 23, 1997; United States Patent 5,949,331, which issued on September 7, 1999; United States Patent 6,222,447, which issued on April 24, 2001; United States Patent 6,498,620, which issued on December 24, 2002, and United States Patent 6,611,202, which will issue on August 26, 2003, to the above-named inventors; United States Patent 5,798,575, which issued on August 25, 1998, to Desmond J. O'Farrell, Roger L. Veldman and Kenneth Schofield; United States Patent 5,550,677, which issued on August 27, 1996; and United States Patent 5,877,897, which issued on March 2, 1999, to Kenneth Schofield and Mark Larson, are commonly assigned with the present application.

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Page : 2

United States patent application Serial No. 10/324,679, filed on December 20, 2002, is commonly assigned with the present application.

With the exception of United States patent application Serial No. 10/324,679, copies of the documents listed on Forms PTO-1449 are not submitted herewith because they were previously cited by or submitted to the Office in one or more of the parent applications.

The Examiner is kindly requested to consider the United States patents listed on the attached PTO-1449 Forms during the examination of the above-identified application, making the references of record, and to return an initialed copy of the PTO-1449 Forms to the undersigned attorney.

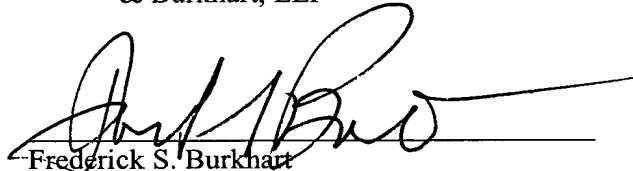
An early and favorable action on the merits is respectfully requested.

Respectfully submitted,

KENNETH (NMI) SCHOFIELD,  
MARK L. LARSON and  
KEITH J. VADAS

By: Van Dyke, Gardner, Linn  
& Burkhardt, LLP

Dated: August 19, 2003.

  
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DON01 P-1087

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. DON01 P-1087	SERIAL NO.
	APPLICANTS Kenneth Schofield et al.	
	FILING DATE	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		4	9	1	0	5	9	1	03/90	Petrossian et al.			
		5	0	2	7	2	0	0	06/91	Petrossian et al.			
		5	2	8	9	3	2	1	02/94	Secor			
		4	7	1	3	6	8	5	12/87	Nishimura et al.			
		5	4	3	0	4	3	1	07/95	Nelson			
		5	4	1	0	3	4	6	04/95	Saneyoshi et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
		0	5	1	3	4	7	6 A1	11/92	EPC				
		3	2	4	8	5	1	1 A1	07/84	Germany			Full	

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	A-1	Kobe, Gerry, "Hypnotic Wizardry! (interior electronics)," <u>Automotive Industries</u> , Vol. 169, No. 5, p. 60, published May, 1989. Relevant section is entitled "INSTRUMENTATION."

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	5	4	0	6	3	9	5	04/95	Wilson et al.				
	5	3	8	6	2	8	5	01/95	Asayama				
	5	3	5	5	1	1	8	10/94	Fukuhara				
	5	3	3	1	3	1	2	07/94	Kudoh				
	5	3	2	5	0	9	6	06/94	Pakett				
	5	3	0	7	1	3	6	04/94	Saneyoshi				

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
	2	5	8	5	9	9	1	02/87	France				Full	
	5	8	2	0	9	6	3	5	12/83	Japan			Abst.	
	5	5	0	3	9	8	4	3	03/80	Japan			Abst.	

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	A-2	SAE Information Report, "Vision Factors Considerations in Rear View Mirror Design -- SAE J985 OCT88," approved October, 1988, and located in <u>1995 SAE Handbook</u> , Vol. 3.

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	5	2	4	5	4	2	2	09/93	Borcherts et al.				
	5	1	2	1	2	0	0	06/92	Choi				
	5	0	9	6	2	8	7	03/92	Kakinami et al.				
	5	0	0	1	5	5	8	03/91	Burley et al.				
	4	9	8	7	3	5	7	01/91	Masaki				
	4	9	7	0	6	5	3	11/90	Kenue				

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
	6	2	1	2	2	8	4	4	06/87	Japan			Abst.	
			9	3	4	0	3	7	08/63	U.K.				

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
✓		Commonly assigned co-pending patent application Ser. No. 10/324,679, filed on Dec. 20, 2002, entitled VEHICULAR VISION SYSTEM (Our Ref.: DON01 P-1059).

EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	4 9 3 7 7 9 6	06/90	Tendler			
	4 8 9 2 3 4 5	01/90	Rachael, III			
	4 8 7 2 0 5 1	10/89	Dye			
	4 8 4 7 7 7 2	07/89	Michalopoulos et al.			
	4 8 2 5 2 3 2	04/89	Howdle			
	4 7 8 9 9 0 4	12/88	Peterson			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
						Y	N
	2 2 5 5 5 3 9 A	11/92	U.K.				
	2 1 3 7 5 7 3 A	10/84	U.K.				

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
	4	7	3	1	6	6	9	03/88	Hayashi et al.				
	4	6	3	0	1	0	9	12/86	Barton				
	4	6	2	6	8	5	0	12/86	Chey				
	4	4	2	0	2	3	8	12/83	Felix				
	4	2	8	8	8	1	4	09/81	Talley et al.				
	4	2	7	7	8	0	4	07/81	Robison				

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
	2	2	4	4	1	8	7 A	11/91	U.K.					
	5	0	0	0	0	6	3	8	01/93	Japan			Full	

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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		4	2	4	7	8	7	0						
		4	2	4	7	8	7	0	01/81	Gabel et al.				
		4	2	1	4	2	6	6	07/80	Myers				
		4	0	9	3	3	6	4	06/78	Miller				
		4	0	5	2	7	1	2	10/77	Ohama et al.				
		3	6	8	9	6	9	5	09/72	Rosenfield et al.				
		3	1	4	1	3	9	3	07/64	Platt				

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
		6	2	1	2	2	4	8	7					Y	N
		6	2	1	2	2	4	8	7	06/87	Japan			Full	
		3	0	0	6	1	1	9	2	03/91	Japan			Full	

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		5	5	7	4	4	4	3	11/96	Hsieh			
		5	5	4	1	5	9	0	07/96	Nishio			
		5	5	2	9	1	3	8	06/96	Shaw et al.			
		5	5	1	5	4	4	8	05/96	Nishitani			
		5	4	1	4	4	6	1	05/95	Kishi et al.			
		4	5	4	9	2	0	8	10/85	Kamejima et al.			
		4	2	1	4	2	6	6	07/80	Myers			

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													Y	N
		2	6	7	3	4	9	9	09/92	France			Full	
		2	6	7	2	8	5	7	08/92	France			Full	

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		5	3	4	1	4	3	7	08/94	Nakayama			
		5	3	2	5	3	8	6	06/94	Jewell et al.			
		5	3	0	5	0	1	2	04/94	Faris			
		5	7	9	3	3	0	8	08/98	Rosinski et al.			
		5	6	7	0	9	3	5	09/97	Schofield et al.			
		5	8	7	7	8	9	7	03/99	Schofield et al.			
		5	5	5	0	6	7	7	08/96	Schofield et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
		4	0	2	4	5	8	8	6	09/92	Japan		Full	
		6	0	2	6	1	2	7	5	1985	Japan			X

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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		5	9	4	9	3	3	1	09/1999	Schofield et al.			
		5	7	9	8	5	7	5	08/1998	O'Farrell et al.			
		5	7	9	3	4	2	0	08/1998	Schmidt			
		5	9	5	9	5	5	5	09/1999	Furuta			
		5	4	2	4	9	5	2	06/1995	Asayama			
		4	8	1	7	9	4	8	04/1989	Simonelli			
		5	6	3	4	7	0	9	06/1997	Iwama			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
													Y	N
		0	5	1	3	4	7	6 A1	11/1992	Europe				
	5	5	0	3	9	8	4	3	03/1980	Japan			Abstract Only	
	5	8	1	1	0	3	3	4	06/1983	Japan			x	
	0	1	1	2	3	5	8	7	05/1989	Japan			x	
	WO	9	6	2	1	5	8	1 A	07/1996	World				

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
		Search Report from corresponding European Patent Application No. EP 96 91 6533

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
		5	7	8	1	4	3	7	07/1998	Wiemer et al.			
		5	5	3	0	4	2	0	06/1996	Tsuchiya et al.			
		6	4	9	8	6	2	0	12/2002	Schofield et al.			
		6	2	2	2	4	4	7	04/2001	Schofield et al.			
		6	6	1	1	2	0	2	08/2003	Schofield et al.			

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													Y	N

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